

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091522\  
 Data File : BP011721.D  
 Acq On : 16 Sep 2022 01:05  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 16 03:04:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 14 19:12:50 2022  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|-----------------------------|--------|--------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0  | 119   | -0.01    |
| 2    | 1,4-Dioxane                 | 40.000 | 39.370 | 1.6  | 121   | 0.00     |
| 3    | Pyridine                    | 40.000 | 41.693 | -4.2 | 125   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 42.655 | -6.6 | 129   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 81.840 | -2.3 | 123   | 0.00     |
| 6    | Aniline                     | 40.000 | 42.039 | -5.1 | 125   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 84.908 | -6.1 | 126   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.978 | -2.4 | 122   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.829 | -4.6 | 130   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.979 | -4.9 | 125   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 41.084 | -2.7 | 123   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.730 | 0.7  | 120   | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.034 | -0.1 | 121   | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.029 | -0.1 | 121   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 43.092 | -7.7 | 127   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 42.821 | -7.1 | 128   | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 42.031 | -5.1 | 125   | -0.01    |
| 18   | Hexachloroethane            | 40.000 | 41.444 | -3.6 | 125   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 43.105 | -7.8 | 126   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 42.600 | -6.5 | 126   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 124   | -0.01    |
| 22   | Acetophenone                | 40.000 | 40.264 | -0.7 | 125   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.289 | -2.9 | 126   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.185 | -3.0 | 127   | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.233 | -3.1 | 125   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 36.371 | 9.1  | 119   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.626 | -1.6 | 123   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.476 | -1.2 | 126   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.377 | -0.9 | 123   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.690 | 3.3  | 121   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.466 | 1.3  | 124   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 36.082 | 9.8  | 118   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.744 | -1.9 | 125   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 37.628 | 5.9  | 118   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.784 | 0.5  | 121   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.060 | -2.7 | 125   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.711 | 0.7  | 124   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.808 | 0.5  | 124   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 122   | -0.01    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.748 | 3.1  | 119   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.761 | 3.1  | 117   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 77.287 | 3.4  | 115   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.212 | -0.5 | 120   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.247 | -0.6 | 122   | -0.01    |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.384 | 0.8  | 122   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.838 | 0.4  | 123   | -0.01    |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.607 | 1.0  | 122   | -0.01    |

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|----------------------------|--------|--------|------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 43.931 | -9.8 | 127   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.764 | -1.9 | 123   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.651 | 0.9  | 121   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.419 | -3.5 | 122   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.786 | 0.5  | 121   | -0.01    |
| 53   | 3-Nitroaniline             | 40.000 | 39.391 | 1.5  | 125   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 34.771 | 13.1 | 113   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.724 | 0.7  | 123   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.784 | -2.0 | 123   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 38.122 | 4.7  | 121   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.404 | -1.0 | 123   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.181 | 2.0  | 119   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.437 | -1.1 | 123   | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.488 | 1.3  | 121   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.699 | 0.8  | 125   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 42.420 | -6.1 | 126   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 120   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 35.779 | 10.6 | 112   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.828 | -2.1 | 121   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.266 | 1.8  | 117   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.946 | 2.6  | 118   | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.242 | -0.6 | 117   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.770 | 3.1  | 116   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.414 | -1.0 | 121   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.767 | -1.9 | 120   | 0.00     |
| 73   | Carbazole                  | 40.000 | 41.013 | -2.5 | 120   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.684 | -4.2 | 120   | -0.01    |
| 75 C | Fluoranthene               | 40.000 | 40.042 | -0.1 | 119   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 116   | 0.00     |
| 77   | Benzydine                  | 40.000 | 38.363 | 4.1  | 96    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.963 | -2.4 | 119   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.673 | -2.1 | 118   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.255 | -8.1 | 120   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.442 | -1.1 | 118   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.787 | -4.5 | 116   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.060 | -0.2 | 116   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.934 | -9.8 | 119   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.385 | -3.5 | 117   | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 114   | -0.01    |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.251 | -3.1 | 116   | -0.01    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.095 | -5.2 | 118   | -0.01    |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.488 | -1.2 | 115   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.197 | -3.0 | 115   | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.306 | -3.3 | 116   | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.220 | -0.5 | 114   | -0.02    |

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|----------|--------|-------|------|-------|----------|
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(#) = Out of Range                      SPCC's out = 0    CCC's out = 0